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Thanks, R. 9/9/2005

**AMENDED CLAIMS**

Claims 1-3, 6-7 (original)

Claims 4-5 (previously presented)

Claims 8-10 (cancelled)

- 1) A high efficiency motor control, said high efficiency motor control comprising:  
a signal input port, said port receiving an input signal;  
an output port, said output port for outputting a current to a load;  
a variable duty cycle oscillator, said variable duty cycle oscillator providing an alternating current output, whereby said alternating current output is a function of the input signal;  
a positive voltage source input port, said positive voltage source input port receiving a direct current positive voltage;  
a negative voltage source input port, said negative voltage source input port receiving a direct current negative voltage that is substantially lower than said direct current positive voltage;  
a positive switching signal circuit, said positive switching signal circuit receiving the alternating current output, a sample from the positive voltage source input port, a sample from the negative voltage source input port, and a stable input voltage, and outputting a positive supply switching signal, whereby the positive supply switching signal is a function of the alternating current output signal, the sample signal from the positive voltage source input port, and the stable voltage signal. (original)
- 2) The high efficiency motor control of claim 1, wherein the high efficiency motor control also comprises a positive supply switch, said positive supply switch receiving the positive supply switching signal, and supplying current from the positive voltage source input port to the output port. (original)